



ARIZONA DEPARTMENT OF EDUCATION
Tom Horne, Superintendent of Public Instruction

LOCAL DIRECTORS MEETING

February 22, 2007

Introduction and Welcome

**Barbara Border
Milt Ericksen**

ACOVA Report

Brenda Marietti

ADE Special Recognition

**Barbara Border
Milt Ericksen**

Status of State Transition Plan

Helen Bootsma

- **Perkins Definitions**
- **Perkins Performance Measures Comparison**

Review of State and Federal Timeline

**Karlene Darby
Ted Davis**

ACTE Report

Pam Ferguson

BREAK

AZCIS Options

Helen Bootsma

ACOVA Regional Breakouts

- **North - Culinary Hallway (Entryway)**
- **West – Professional Development**
- **Central – Culinary North**
- **South – Culinary South**

ADJOURN

NACTEI

2007 NACTEI Conference

27th Annual NACTEI
Conference
May 15-18, 2007
Savannah, GA

**Data Information
Conference for District
Data Experts**



FOR MORE DETAILS, PICK UP HANDOUTS FROM REGISTRATION TABLE.

Career and Technical Education Staff Directory

Arizona Department of Education

Name	Title	Fax# 542.1849	Phone	Rm	Support Staff	Phone	Rm
Ericksen, Milton D.	Deputy Associate Superintendent		542.5212	506C	Miles, Kelly	542.5282	5001C
Border, Barbara	Interim Deputy Associate Superintendent		542.5358	503C			
Deemer, Doug	Program and Project Specialist		542.5281	5014C			
Wiley, Evelyn	Program and Project Specialist		542.2385	5013C			
Career Pathways		Fax# 542.1849	Phone	Rm	Support Staff	Phone	Rm
Brite, Jan	Education Program Director		542.4365	507C	Bjelke, Dee	542.3290	5024C
Bilan, Janice	State Supervisor, Health & Community		542.3374	5042C	Chappell, Litisha	542.5770	5020C
Ellis, Paulett	Professional Development Specialist		542.5660	5010C	Keams, Sandy	542.5197	5023C
Epperson, Joe	State Supervisor, Industrial Technology		542.5423	5026C	Lemke, Jodi	542.3906	5021C
Gandy, Janet	State Supervisor, Business		542.5046	5027C	Todd, Alvin	542.5853	5025C
Kerr, Ruth	State Supervisor, Family and Consumer		542.5540	5041C			
Padilla, Shea	State Supervisor, Marketing, Media & IT		542.5049	5017C			
Vacant	State Supervisor, Agriculture/Tech Prep		364.3843	5050C			
Wiley, Evelyn	Program and Project Specialist		542.2385	5013C			
Federal Vocational Programs		Fax# 364.4035	Phone	Rm	Support Staff	Phone	Rm
Darby, Karlene	Education Program Director		542.3450	509C	McCaffrey, Kendra	542.2377	5032C
Vacant	Educ Prog Specialist Basic Grant		542.3437	5029C			
Corcoran, Gerry	Educ Prog Specialist Basic Grant		542.5315	5035C			
Ellis, Roger	Educ Prog Specialist Basic Grant		542.2298	5030C			
Hurwitz, Rose	Educ Prog Specialist Basic Grant		542.5075	5034C			
Martinez, Sheila	Program and Project Specialist		542.5137	5033C			
Roberts, Jeanne	Educ Prog Specialist Basic Grant & OCR		364.2211	5013C			
Vacant	Educ Prog Specialist Basic Grant		364.0424	5028C			
Grants and Mgnt Info Services		Fax# 542.5832	Phone	Rm	Support Staff	Phone	Rm
Davis, Ted	Education Program Director		542.5349	512C	Durham, Joyce	542.5825	5040C
Butts, Kathy	Administrative Assistant/Grant Services		542.5076	5038C	Vacant _(temp)	364.0025	5048C
Chavez, Tammie	Contract Management Specialist		542.3839	5039C			
Hofer, Della	Enrollment Specialist		542.5711	420C			
Kerwin, Donna	Education Program Specialist Mgmt Info		542.7881	5046C			
Schmidt, Nancy	Education Program Specialist Grant Svcs		542.3823	513C			
Saline, Steve	Education Program Specialist Mgmt Info		542.5566	5045C			
Wilson, Jet	Enrollment Specialist		542.5486	5047C			
Development & Innovations		Fax# 542.1849	Phone	Rm	Support Staff	Phone	Rm
Bootsma, Helen	Education Program Director		542.5963	505C	Hawk, Shawn	542.5360	5003C
Bowersock, Kathy	Webmaster and Database Specialist		542.5805	5012C	Blofsky, Kenneth	364.2475	5007C
Legge, Penny	Secondary Accountability Specialist		364.2470	5006C	Zalazinski, Barbara	542.5352	5011C
Peterson, Steve	CTE Research Specialist		542.5357	5005C			
Scott, Amy	Postsecondary Accountability Specialist		364.2476	5002C			
Hovel, Mickie	Postsecondary Liaison Specialist		542.7856	5004C			
Vacant	State Guidance Supervisor & AzCRN Director		542.5353	5008C			
CTE Student Org / Tech Prep		Fax# 542.1849	Phone	Rm	Support Staff	Phone	Rm
Fiscus, Dennis	Education Program Director		542.5356	515C	Martinez, Jennifer	542.5044	5043C
Cone, Sheri	CTSO Specialist, FCCLA		542.3040	5019C			
Grandil, Tyler	CTSO Specialist, FFA		542.5564	5049C			
Hamilton, Ryan	CTSO Specialist, FBLA		542.5350	5036C			
Shvets, Oleg	CTSO Specialist, DECA		542.5354	5016C			
Soldat, Scott	CTSO Specialist, SkillsUSA		542.5565	508C			
Workforce Development		Fax# 542.5132	Phone	Rm	Support Staff	Phone	Rm
Kooistra, Jim	Education Program Director		542.5142	211C	Lamb, Gwen	542.5936	212C
French, Mike	Education Program Specialist		542.3045	2030C	Taimanao, Lourdes	542.5461	212C
Mathis, Cassandra	Education Program Specialist		542.5186	2031C			
McKinney, Pat	Contract Managment Specialist		542.5143	2033C			
Silao, Janet	Program and Project Specialist		542.5485	2032C			

Email - firstname.lastname@azed.gov Toll Free Number: 1.800.352.4558 All phone numbers are 602 area code

Secondary Definitions Comparison: Concentrator and Completer

Current (SY 2006-2007)		Proposed (SY 2007-2008)	
Concentrator	<p>Student who achieves two transcribed Carnegie units/credits in a single CTE program. One unit/credit must be in a Career Preparation Level III course. Examples include earning:</p> <ul style="list-style-type: none"> • 1 credit in Level I and 1 credit in Career Preparation Level III or • 1 credit in Level II and 1 credit in Career Preparation Level III or • 2 credits in Level III. <p>They are included in the Concentrator Report when they leave secondary education in the reporting year.</p>	Concentrator	<p>Student who</p> <ol style="list-style-type: none"> (1) has two transcribed Carnegie units/credits in a state-recognized sequence of courses for a CTE program. One credit must be in a Career Preparation Level III course, AND (2) leaves secondary education in the reporting year. A student who leaves is defined as absent/status unknown, dropout, expelled or graduated.
Completer	<p>Concentrator who passes the state-adopted technical assessment or, in the absence of a state proficiency assessment, a concentrator who passes at least 80% of the total program competencies/standards and is documented as attaining at least 80% of the Career Preparation Level III program competencies/standards in an approved CTE program.</p>	Completer	<p>Concentrator who has graduated with transcribed credit in all the State- recognized sequence of courses for a CTE program and has passed the state-adopted technical assessment. In the absence of a state-adopted technical assessment, a Completer is a student who</p> <ol style="list-style-type: none"> (1) has received instruction in all the approved program competencies/standards, and (2) is documented as attaining at least 80% of the competencies/standards in an approved Career Preparation Level III* program, and (3) has transcribed credit for the State-recognized sequence of courses in an approved CTE program. <p>* Level III language is used to include students in the Career and Technical Education system.</p>



Arizona Department of Education
Tom Horne, Superintendent of Public Instruction

Educational Services and
Resources Division

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Issue 16

CTE FACTS

Career and Technical Education in Arizona

Vision

Ensure a dynamic workforce by fully developing every student's career and academic potential.

Mission

Prepare Arizona students for workforce success and continuous learning.

CTE Programs Address High Growth Occupations¹

Occupation	Avg Annual Openings ²	% Increase In Growth 2005-2015	CTE CIP Code
Registered Nurses	2346	48.2	51.1600
Elem School Teachers	2237	39.8	13.1200
Secondary School Teachers	1191	36.9	13.1200
Teacher Assistants	1110	36.5	13.1200
Nursing Aides/Attendants	1037	38.2	51.1600
Painters/Construction/Maint	749	35.2	46.0400
Personal/Home Care Aides	727	36.2	51.1600
Medical Assistants	586	52.2	51.0800
Home Health Aides	523	42.8	51.1600
Dental Assistants	418	46.6	51.0600
HVAC/Refrig Mechs/Installers	394	38.3	47.0200
Pharmacy Technicians	366	49.1	51.0800
Preschool Teachers	305	36.0	13.1200
Cost Estimators	289	37.5	52.0200
Radiologic Technicians	244	43.0	51.0900
Social/Human Service Assts	243	37.0	51.1500
Med Records/Health Info Tech	206	39.6	52.0200

- Nationwide **education and health services** added **43,000 jobs** in December 2006 contributing to the **455,000 new jobs** in those fields for the entire year with an average wage of \$17.35 an hour. **Professional and business services** added **50,000** positions while **leisure and hospitality** employment rose by **31,000** and **financial firms** added **9,000** new jobs according to John W. Schoen, Senior Producer for MSNBC and Mark Zandi, chief economist at Moody's Economy.com.
- Thirty years ago the U.S. had 30% of the world's population of college students. Today it is 14%.³

To Quote: "What we have to learn to do, we learn by doing." - Aristotle

Top 5 Reasons Dropouts Give for Leaving School⁴

Was failing in school	35%
Had too much freedom, not enough rules	38%
Spent time with those not interested in school	42%
Missed too many days, could not catch up	43%
Classes were not interesting	47%

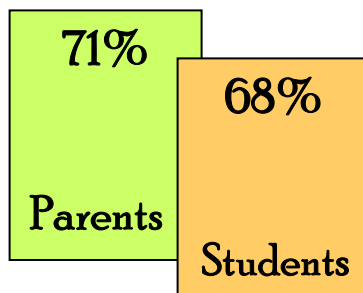
- ✚ 81% of surveyed dropouts felt there should have been more opportunities for real-world learning. Specifically, improve teaching and curricula to make school more relevant and engaging and **enhance the connection between school and work**.⁴

Best Practices for Reducing Drop-Out Rates of At-Risk Students⁵

Five States Employ Characteristics that Emulate CTE Core Values

Results Include 80-91% Graduation Rates, 75-92% Placement Rates, 50% Postsecondary Graduate Enrollment

- ✚ Provided curriculum described as “applied...experiential...hands-on...integrated” that made connections between the school and the world of work.
- ✚ Defined school and students goals...specifically what the student will achieve in school...such as acquiring employability skills.
- ✚ Connected with local businesses and community groups...for involvement and career-related opportunities.
- ✚ Placed a strong emphasis on school-to-work transition and pre-employment skills.
- ✚ Networked with local businesses and agencies.
- ✚ Used hands-on experiential instruction strategies to deliver the curriculum.
- ✚ Emphasized job-readiness skills.
- ✚ Tied academic work to work experience.



Percentage Who Support Updating High School Programs to Better Match the Skills Employers Want

Reality check 2006: Is support for standards and testing fading? (Public Agenda 2006 Issue No. 3). New York: Author.
<http://www.nccte.org/re/060717d.asp>

Created by Steve Peterson, M.Ed., Career and Technical Education, Steven.Peterson@azed.gov. 602-542-5357.

¹Arizona Department of Economic Security with U.S. Dept of Labor, BLS. <http://www.workforce.az.gov/?PAGEID=67&SUBID=144>

²Average Openings equals opening from growth plus opening from separations (defined as when workers leave an occupation there is an opening created)

³*Tough Choices or Tough Times*, National Center on Education and the Economy, December 2006. ISBN: 978-0-7879-9598-0

⁴Bridgeland, Dilukio, Jr., Morison, et al., "The Silent Epidemic", March 2006. Based on survey of 25 varied socio-economic locations throughout U.S. of 16-25 year-olds

⁵Fager, Paglin, "Alternative Schools: Approaches for Students at Risk", NW Regional Educational Laboratory, September 1997. Northwest Sampler: AK, ID, MT, OR, WA

Comparison of Programs Designated as Nontraditional

CIP Code	Current SY 2006-2007	Nontraditional Gender	CIP Code	Upcoming SY 2007-2008	Nontraditional Gender
01.0100	Agricultural Business Management-Agriscience	Female	01.0100	Agricultural Business Management – Agriscience	Female
01.0300	Agriscience	Female	---	Removed	---
01.0600	Horticulture	Female	---	Removed	---
03.0200	Renewable Natural Resources	Female	---	Removed	---
10.0200	Radio/Television Technology	Female	10.0200	Audiovisual Technology	Female
10.0300	Graphic Communications	Female	10.0300	Graphic Communications	*
12.0400	Cosmetology	Male	12.0400	Cosmetology	Male
12.0500	Culinary Arts	*	12.0500	Culinary Arts	*
13.1200	Early Childhood Education	Male	13.1220	Education and Training: Early Childhood Education	Male
13.1500	Education Professions	Male	13.1210	Education and Training: Education Professions	*
---	---	---	15.0000	Engineering, Math, Technologies and Science	Female
15.0300	Electronic Technology	Female	15.0300	Electronic Technology	Female
15.0600	Industrial Manufacturing	Female	15.0600	Industrial Manufacturing	Female
15.1200	Information Technology	*	15.1200	Information Technology	*
15.1300	Drafting and Design Technology	Female	15.1300	Drafting and Design Technology	Female
43.0100	Law, Public Safety and Security	Female	43.0100	Law, Public Safety and Security	Female
43.0200	Fire Science	Female	43.0200	Fire Science	Female
---	---	---	46.0200	Carpentry Technologies	Female
---	---	---	46.0300	Electrical and Power Transmission Technology	Female
46.0400	Construction Technologies	Female	46.0400	Construction Technologies	Female
---	---	---	46.0500	Plumbing Services	Female
---	---	---	47.0100	Telecommunications Maintenance and Installers	Female
---	---	---	47.0200	Heating/Air Conditioning Maintenance	Female
47.0600	Automotive Technologies	Female	47.0600	Automotive Technologies	Female
48.0500	Welding Technology	Female	48.0500	Welding Technology	Female
48.0700	Woodworking	Female	---	Removed	---
---	---	---	49.0200	Heavy Equipment Operation	Female
---	---	---	50.0100	Performing Arts	*
---	---	---	51.0600	Dental Assisting	Male
51.0800	Allied Health Services	Female	51.0800	Allied Health Services	*
---	---	---	51.0900	Diagnostic and Intervention Technologies	Female
---	---	---	51.1000	Biomedical Health, Genomics, Technologies and Science	*
---	---	---	51.1500	Mental and Social Health Services	Male
51.1600	Nursing Services	Male	51.1600	Nursing Services	Male
---	---	---	51.3200	Therapeutic Massage	Male
52.0200	Business Management and Administrative Services	*	52.0200	Business Management and Administrative Services	*
52.0300	Accounting and Related Services	*	52.0300	Accounting and Related Services	*
52.0800	Financial Services	*	52.0800	Financial Services	*
52.0900	Hospitality Management	*	52.0900	Hospitality Management	*
52.1800	Marketing, Management and Entrepreneurship	*	52.1800	Marketing, Management and Entrepreneurship	*
52.1900	Design and Merchandising	Male	52.1900	Design and Merchandising	Male

*Note: * The program is not designated as a nontraditional program for either gender.*

Based on Crosswalk of 1998 Nontraditional Occupations with Classification of Instructional Programs (CIP Codes).

Based on Nontraditional Occupations for Females/Males from 2005 BLS Data, Prepared by the National Alliance for Partnerships in Equity and available from OVAE.

Secondary Performance Measures Comparison

Current (SY 2006-2007)			Proposed (SY 2007-2008)		
Number	Description	Negotiated Level	Number	Description	Proposed Level
1.1	AIMS Reading	65.92%	1S1	NCLB Academic Attainment - Reading	75%
1.2	AIMS Writing	73.66%	Removed	---	---
1.4	AIMS Math	40.32%	1S2	NCLB Academic Attainment - Math	50%
1.3	Program Completers	61.39%	Removed	---	---
---	---	---	2S1	Technical Skill Attainment	Not required for Transition Plan
---	---	---	3S1	Secondary School Diploma	Awaiting OVAE guidance
---	---	---	3S2	GED or State-Recognized Equivalent	Not required for Transition Plan
---	---	---	3S3	Diploma and Other Credential	Not applicable
2.1	Graduation	95.00%	4S1	NCLB Graduation	71%
3.1	Placement	69.69%	5S1	Placement	Not required for Transition Plan
4.1/4.2	Nontraditional Participation	22.79%	6S1	Nontraditional Participation	22%
4.3/4.4	Nontraditional Completion	24.31%	6S2	Nontraditional Completion	23%

Career & Technical Education Director's/Administrator's District Contacts

Change the following:

	<i>Existing Information</i>	<i>New Information</i>
Name		
<i>Title/Position</i>		
<i>School/Organization</i>		
<i>School District</i>		
<i>Address</i>		
<i>City and Zip</i>		
<i>Phone Number</i>		
<i>FAX Number</i>		
<i>E-Mail Address</i>		

Add the following:

Name	
<i>Title/Position</i>	
<i>School/Organization</i>	
<i>School District</i>	
<i>Address</i>	
<i>City and Zip</i>	
<i>Phone Number</i>	
<i>FAX Number</i>	
<i>E-Mail Address</i>	

Delete the following:

Name	
<i>Title/Position</i>	
<i>School/Organization</i>	
<i>School District</i>	
<i>Address</i>	
<i>City and Zip</i>	
<i>Phone Number</i>	
<i>FAX Number</i>	
<i>E-Mail Address</i>	

Please inform the Career and Technical Education Division of any changes needed for the directory.
You may turn in this form at any Local Director's Meeting or email or fax it to:

Arizona Department of Education
Career and Technical Education Division
Attn: Doug Deemer
1535 West Jefferson Street - Bin #42
 Phoenix, Arizona 85007
 Email: sdeemer@ade.az.gov
 Phone: (602) 542-5282